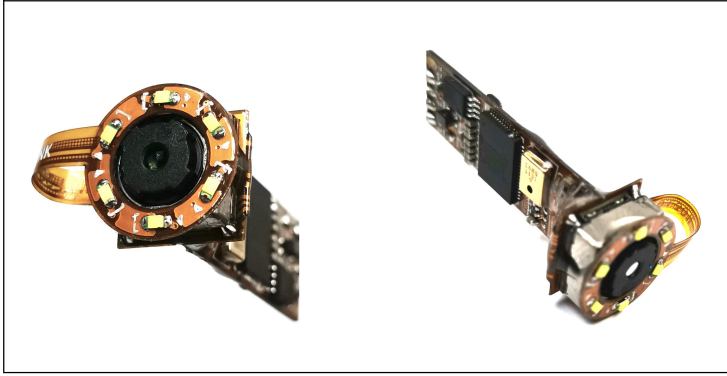


## 12MP 4K USB2.0 Camera Module Datasheet



### 1. Main Parameters

Product Name	12MP 4K USB2.0 Camera Module
Product Code	WN-L2110.K301L
Module Size	35.95*12mm (Diameter: 12mm)
Image Sensor	1/3.06-inch IMX258 CMOS Sensor
Max. Resolution	3840 H x 3104 V
Pixel Size	1.12*1.12μm
Output Format	MJPEG
Field of View	75°
Lens	EFL: 3.79mm, F/No: 2.0, 5P+IR 650nm
Audio Input	Digital Microphone
Focus Mode	Autofocus
LED	6PCS LEDs
Shutter Mode	Electronic Rolling Shutter
Output & Power Supply	High Speed USB2.0
Interface	7PIN Welding Spots
Controllable Parameters	Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White Balance, Backlight Contrast, Exposure
Supported OS	UVC-compliant, Plug and Play for Windows, Android, Linux, Mac OS, etc.
Connection Cable	Default 1.0 Meter USB Cable

### 2. Supported Resolutions and Frame Rates

Formats	Resolutions	Frame Rates
MJPEG	3840x3104	15FPS
	3840x2160	30FPS
	3264x2448	30FPS
	2952x1944	30FPS
	2048x1536	30FPS
	1920x1080	30FPS
	1280x720	30FPS
	800x600	30FPS

### 3. PIN Definitions

Pin No.	Signal Names	Descriptions
1	VCC	DC 5V
2	DM	USB2.0 Data-
3	DP	USB2.0 Data+

4	GND	Ground
5	S	Shoot
6	LED-	LED-
7	LED+	LED+

### 4. Working Conditions

Working Voltage	DC 5V
Working Current	190mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

### 5. Shape and Dimensions (Unit: mm)

